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## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-09652

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil &amp; Gas Lease No.

306443

7. Lease Name or Unit Agreement Name

Cooper Jal Unit

8. Well Number 231

9. OGRID Number 263848

10. Pool name or Wildcat

Jalmat; Tansill-Yates-7Rivers

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator Resaca Operating Company

3. Address of Operator

2509 Maurice Road, Odessa, TX 79763

4. Well Location

Unit Letter H : 1650 feet from the North line and 330 feet from the East lineSection 25 Township 24S Range 36E NMPM Lea County 

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3281' GL

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐

OTHER: Clean Out and Foam Frac

☒

OTHER:

☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1.) MIRU Pulling Unit and Above Ground Steel Pit; NU BOP; POOH w/ rods and tubing.

2.) RIH w/ 4 3/4" Bit and drill collars on 2 7/8" work string.

3.) Clean out to 3192'.

4.) RU Service Company &amp; prep to fracture stimulate well down work string.

5.) Foam Sand Frac OH 3002'-3192' w/ approximately 105,000# 16/30 Brady Brown Sand &amp; 105,000# 16/30 resin coated Brady Brown Sand; plus 1.71 MMCF Nitrogen diverting with 130 Bio Ball Sealers.

6.) RD Service Company. Install adjustable choke manifold w/ pressure gauge. Flow back well &amp; clean up well, monitoring pressure and sand production until pressure depletes.

7.) POOH w/ 2 7/8" work string and lay down packer; clean out frac sand down to 3192'.

8.) RIH w/ 2 3/8" tubing. RIH w/ pump and rods.

9.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Engineer Assistant

DATE

3/3/11

Type or print name

Melanie Reyes

E-mail address:

melanie.reyes@resacaexploitation.com

PHONE:

(432)580-8500

For State Use Only

APPROVED BY:

TITLE

State Manager

DATE

3-17-2011

Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY								
CURRENT COMPLETION SCHEMATIC	<b>LEASE NAME Cooper Jal Unit</b>						WELL NO. <b>231</b>	
	STATUS: Active Oil						API# <b>30-025-09652</b>	
	LOCATION: 1650 FNL & 330 FEL, Sec 25, T - 24S, R - 36E; Lee County, New Mexico							
	SPUD DATE:		TD	3192	KB	3,288'	DF	
	INT. COMP. DATE:		04/05/51	PBTD	3192	GL	3,281'	
	ELECTRIC LOGS:				GEOLOGICAL DATA			
	No Logs Listed							
	HYDROCARBON BEARING ZONE DEPTH TOPS:  Yates @ 2975'      7-Rivers @ 3190'      Queen @ 3515'							
	csg leak @ 225' cmt sqz w/75 sxs	Casing Profile SURF. 8 5/8" - 28#, J-55 set@ 222' Cmt'd w/100 sxs - circ cmt to surf. PROD. 5 1/2" - 14#, J-55 set@ 3002' cmt'd w/200 sxs - TOC @ 1950 f/ surf by calc. DV tool @ 1122' - pmp 200 sxs - LINER None 5 1/2" - TOC @ 50' f/ surf by calc.						
	DV Tool at 1122'	CURRENT PERFORATION DATA CSG. PERFS.: OPEN HOLE : 3002 - 3192'						
TUBING DETAIL	7/14/2005			ROD DETAIL			7/14/2005	
Length (ft)	Detail		Length (ft)	Detail				
2714	89	2 3/8" 4.7#, J-55, 8rd EUE tbg.	20	1	22" x 1 1/4" polish rod			
3	1	5 1/2" x 2 3/8" TAC	0	1	1 1/4" x 1 1/2" x 12' liner			
305	10	2 3/8" 4.7#, (ICO-505)J-55, 8rd EUE	14	5	2", 2', 2', 4', 4' - 7/8" D pony rods			
1	1	2 3/8" SN	825	33	7/8" D steel rods			
32	1	3 1/2" Mud Anchor w/ screen	2000	80	3/4" D steel rods			
3055 btm			150	6	7/8" D sinker bars			
			16	1	2 " x 1 1/2" X 16" Insert Pump			
			0	1	1" x 8' sand screen, 50 slot GA			
			3025					
WELL HISTORY SUMMARY								
05-Apr-51 IC interval: (Yates OH) 3002 - 3192': No stimulation. IP = 66 bopd, 0 bwopd, & 94 Mcfgpd (flowing)								
14-May-53 C/O fill from 3055 - 3192' (137')								
09-Jan-69 C/O fill from 3055 - 3180' (125')								
03-Sep-72 Placed well on pump.								
01-Jul-75 C/O Mud Anchor								
08-Sep-79 C/O fill from 3051 - 3130' (79')								
17-Feb-87 C/O fill from 3099 - 3192' (93')								
07-Mar-88 Cmt sqz'd 5 1/2" csg lk @ 255'. C/O fill f/3162'-3192' (30'); Acdd'd w/4,000 gals 15% NEFE HCL & 1,000#'s RS. Frac'd w/32,000 gals X-L gel wrt carrying 62,000#'s 12/20 sd in 2 equal stages diverting w/RS. (Max sand conc= 5 ppg)								
09-Jan-91 C/O fill from 3074 - 3189' (115'). Milling on iron @ 3189'.								
20-Jan-94 Replaced l jt tbg. Replaced pmp. Returned to production.								
20-Mar-00 Replaced 1 jt tbg. Replaced pmp and 23-3/4" rods. Returned well to production.								
12-Mar-02 Replaced rod pmp and 4-3/4" rod boxes. Returned well to production.								
15-Apr-05 POOH w/rods & pump. Test tbg - 1 hole on top jt. Could not fish standing valve due to paraffin. POOH w/ tubing. RIH w/ 2 3/8" tubing, pump and rods. Replaced with 56 - 3/4" and 22 - 7/8" steel rods due to pits. PWOP.								
13-Jul-05 POOH with rods, pump and tubing. Hydrotest tubing in hole - burst 4 jts. RIH with pump and rods. PWOP.								
Production Csg.	Hole Size: 7 7/8 in	TOC @ 1950'						
Csg. Size: 5 1/2 in	Set @: 3002 ft	By Calc.						
Sxs Cmt: 400	Circ: No	Yates @ 2975'						
TOC @: 50 f / surf.	OH Interval	3002 - 3192'						
TOC by: calc.								
PBTD: 3192 ft	R-7 @ 3190'							
TD: 3192 ft	Queen @ 3515'							
OH ID 4 3/4 in								
PREPARED BY: Larry S. Adams Domingo Carizales		UPDATED: 25-JUL-05						